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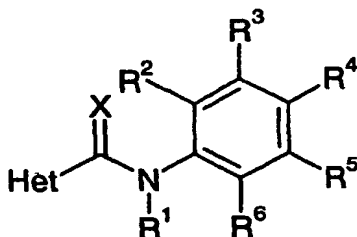
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(54) Title: SILICONATED PHENYL AMIDES DERIVATIVES USEFUL AS MICROBIOCIDE



(I)

(57) Abstract: A fungicidal compound of formula (1): where Het  
is a 5- or 6-membered heterocyclic ring containing one to three  
heteroatoms; each independently selected from oxygen, nitrogen  
and sulphur, the ring being substituted by groups R<sup>7</sup>, R<sup>8</sup> and  
R<sup>9</sup>; R<sup>1</sup> is hydrogen, optionally substituted (C<sub>1-4</sub>)alkylC(=O), optionally  
substituted (C<sub>1-4</sub>)alkylC(=O)O, optionally substituted  
(C<sub>1-4</sub>)alkoxy(C<sub>1-4</sub>)alkyl, optionally substituted allyl, optionally  
substituted propargyl or optionally substituted allenyl; R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>  
and R<sup>5</sup> are each, independently, hydrogen, halogen, optionally  
substituted (C<sub>1-4</sub>)alkoxy(C<sub>1-4</sub>)alkoxy or optionally substituted  
(C<sub>1-4</sub>)alkoxy(C<sub>1-4</sub>)alkyl; R<sup>6</sup> is an organic group containing three tothirteen carbon atoms and at least one silicon atom and, optionally, one to three heteroatoms, each independently selected from  
oxygen, nitrogen and sulphur, and is optionally substituted by one to four independently selected halogen atoms; R<sup>7</sup>, R<sup>8</sup> and R<sup>9</sup>  
are each, independently, hydrogen, halogen, C<sub>1-3</sub>alkyl, C<sub>1-3</sub>haloalkyl, C<sub>1-3</sub>alkoxy(C<sub>1-3</sub>)alkyl or cyano, where at least one of R<sup>7</sup>, R<sup>8</sup>  
and R<sup>9</sup> is not hydrogen; and X is O or S; or an N-oxide thereof; and when present, each optional substituent on alkyl moieties,  
allyl, propargyl and allenyl is, independently, selected from halogen, hydroxy, cyano, methoxycarbonyl, ethoxycarbonyl, methoxy,  
ethoxy, methylsulfonyl, ethylsulfonyl, difluoromethoxy, trifluoromethoxy and trifluoromethoxy.

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